

Product datasheet for MR213366A1V

Mouse Chst13 (NM_027928) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Chst13
Synonyms:	1110067M19Rik; C4ST-3
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >MR213366 representing NM_027928, **codon optimized**.
Due to the complexity of NM_027928, the ORF clone is codon optimized for mammalian Expression.
The nucleotide sequence differs from the reference sequence, yet the amino acid sequence remains identical.

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGACGCCGCTCATGCTGTAGGCGGCCCTCCAGTCGTGGCCAGTCTGGGCGCTGCTCTTTGCTGC
TGTGTGCACTTAGACCAGCCTTTGAGAATAAGGCACTGGGTAGCTCTTGTTTCGGCGCGTGCACAAGTC
CCCTCTTCAACTGCTTCGCGACCTCGATCAGGGGCCGAGAAGCGCCATGGCGGAGTTACACGCAACGC
CGCGAGCTGCTGCGGAGGGCCTGCTCAAGGCACACCAGAAGGCAGAGGCTCCTGCAGCCGAAGATTGA
GGCACGTGCTCGTCGATGACGCACACCGCCTGCTTTATTGCTACGTTCCGAAGGTCGCATGTACCAACTG
GAAACGAGTAATGCTTGCCTCCGGGGAGGGGCGACCCTTCTGCTATTCTGCTCATGAAGCTCATGCG
CCAGGCCTTTCGCATCCCTCGCTGACTTTGCTCCTGCGGAAGTCAACTGGAGACTCAGGGATTACTTGA
CATTCTGTTCTGTCGCGAGCCCTTTGAGAGGCTGGCATCCGCTTATCGGAACAAGCTGGCCCGACCTCA
CTCCGACGCCTTCAGCGGCGATATGGAAGTGAATTGTGCGACGCTGAGGCCTCACGCCAGCCAGAC
GCCCTTGCTCGGGGACGACGTTAGATTCGCGGAATTCCTGGCATACTGCTGGACCCTAGGACACGAC
GGCATGAACCGTTTAATGAGCACTGGGAACGCGCCATGCATTGTGTCATCCCTGCTTGGTGAGATACGA
CGTTGTGGGGAAGTTTGAACCATCGCTGATGATGCGGCATTCTACTGGATCTGGTGGGGGAACAGGA
CTGAGATTCGCCGCTCCACCACTTCGGCCTGAGAAAGACCTGACCAGGGAACAGGCCAGAAGACTCTTTC
AAGATATAAGTCCTTTTACCAAAGAAGGCTCTTCAACCTGTATAAGATGGATTTTCTTCTGTTCAATTA
TTCTGCCCCATCATATTGAGACTGCAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>MR213366 representing NM_027928 Red=Cloning site Green=Tags(s) MGRRSCRRPLPVVASLGAALLLLCALRP AFENKALGSSWFGGVRKSPLQLLRDL DQGPRSAMAEVHQQR RELLRRACSRHTRRQRLLPEDLRHVLVDDAHRLLYCYVPKVACTNWKRVMLALRGRGDPSAIPAHEAHA PGLLP SLADFAPAEVNWRLRDYLTFLFVREPFERLASAYRNKLARPHSAAFQRRYGTRIVRRLRPHAQPD ALARGHDVRF AEFLAYLLDPTRRRHEPFNEHWERAHALCHPCLVRYDVVGKFETIADDAFVLDLVGEPG LRFPAPPLRPEKDLTREQARRLFQDISPFYQRRLFNLYKMDFLFNYSAPSYLRLQ SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_027928
ORF Size:	1008 bp
Buffer:	PBS with 0.001% Pluronic F68
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_027928.1</u> , <u>NP_082204.1</u>
RefSeq Size:	1651 bp
RefSeq ORF:	1011 bp
Locus ID:	71797
Cytogenetics:	6 D1
MW:	39 kDa